

|   |                        |                      |                   |
|---|------------------------|----------------------|-------------------|
| Substitute for Form 1449 A & B/PTO  |                        | Complete if Known    |                   |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |                        | Application Number   | 10/030,315        |
|   |                        | Confirmation Number  | 2230              |
|   |                        | Filing Date          | December 20, 2001 |
|   |                        | First Named Inventor | Satoshi ARAMAKI   |
|   |                        | Art Unit             | 3728              |
|   |                        | Examiner Name        | NOT YET ASSIGNED  |
| Sheet 1 of 1  | Attorney Docket Number | Q66240               |                   |

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |

RECEIVED  
FEB 12 2003  
TECHNOLOGY CENTER R3700

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
| NO                 |                       | JP                        | 57-174320           |                                      | 11/4/1982                      |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------|
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 3/28/03 |
|--------------------|---|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A &amp; B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

**1**

of

1

*Complete if Known*

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/030,315        |
| Confirmation Number    | 2230              |
| Filing Date            | December 20, 2001 |
| First Named Inventor   | Satoshi ARAMAKI   |
| Art Unit               | 3728              |
| Examiner Name          | NOT YET ASSIGNED  |
| Attorney Docket Number | Q66240            |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------|---|
|                       |                          | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |
|                       |                          | US              |                                      |                                |   |

RECEIVED  
JUN - 5 2007  
T03100 MAIL ROOM

## FOREIGN PATENT DOCUMENTS

[illegible]

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

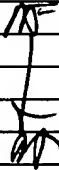
|                    |                    |                 |         |
|--------------------|--------------------|-----------------|---------|
| Examiner Signature | <i>[Signature]</i> | Date Considered | 3/28/03 |
|--------------------|--------------------|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

|  |   |    |   |                        |                  |
|--|---|----|---|------------------------|------------------|
| Substitute for form 1449 A & B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | Complete if Known      |                  |
|  |   |    |   | Application Number     | NOT YET ASSIGNED |
|  |   |    |   | Confirmation Number    | NOT YET ASSIGNED |
|  |   |    |   | Filing Date            | January 10, 2002 |
|  |   |    |   | First Named Inventor   | Satoshi ARAMAKI  |
|  |   |    |   | Art Unit               | NOT YET ASSIGNED |
|  |   |    |   | Examiner Name          | NOT YET ASSIGNED |
|  |   |    |   | Attorney Docket Number | Q66240           |
| Sheet  | 1 | of | 1 |                        |                  |

| U.S. PATENT DOCUMENTS |                          |                 |   |                                |   |
|-----------------------|--------------------------|-----------------|---|--------------------------------|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number |   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|                       |                          | Number          | Kind<br>Code <sup>2</sup><br>(if known) |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |
|                       |                          | US              |   |                                |   |

| FOREIGN PATENT DOCUMENTS   |                          |                              |                     |   |                                |  |                          |
|--|--------------------------|------------------------------|---------------------|---|--------------------------------|--|--------------------------|
| Examiner<br>Initials*  | Cite<br>No. <sup>1</sup> | Foreign Patent Document      |                     |   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Translation <sup>6</sup> |
|  |                          | Country<br>Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br><i>(if known)</i> |                                |  |                          |
|  |                          | JP                           | 62-260664           |   | 11/12/87                       |  |                          |
|  |                          | JP                           | 63-137748           |   | 09/12/88                       |  |                          |
|  |                          | JP                           | 2-31886             |   | 02/28/90                       |  |                          |
|  |                          | JP                           | 61-141283           |   | 09/01/86                       |  |                          |
|  |                          | JP                           | 64-11964            |   | 01/23/89                       |  |                          |
|  |                          |                              |                     |   |                                |  |                          |
|  |                          |                              |                     |   |                                |  |                          |
|  |                          |                              |                     |   |                                |  |                          |
|  |                          |                              |                     |   |                                |  |                          |
|  |                          |                              |                     |   |                                |  |                          |
|  |                          |                              |                     |   |                                |  |                          |
|  |                          |                              |                     |   |                                |  |                          |
|  |                          |                              |                     |   |                                |  |                          |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                          |  |                          |
|---|--------------------------|--|--------------------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|   |                          | <del>Office Action</del>   |                          |
|   |                          |  |                          |
|   |                          |  |                          |
|   |                          |  |                          |
|   |                          |  |                          |

|                    |  |                 |         |
|--------------------|--|-----------------|---------|
| Examiner Signature |  | Date Considered | 3/28/03 |
|--------------------|--|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is indicate here if English language Translation is attached.